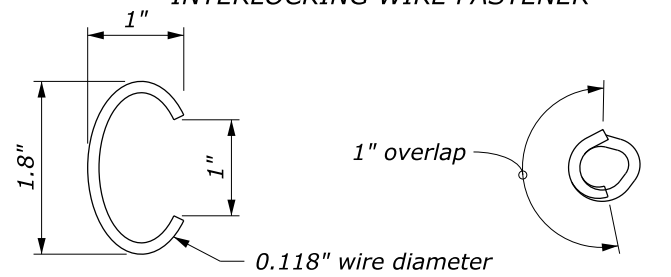


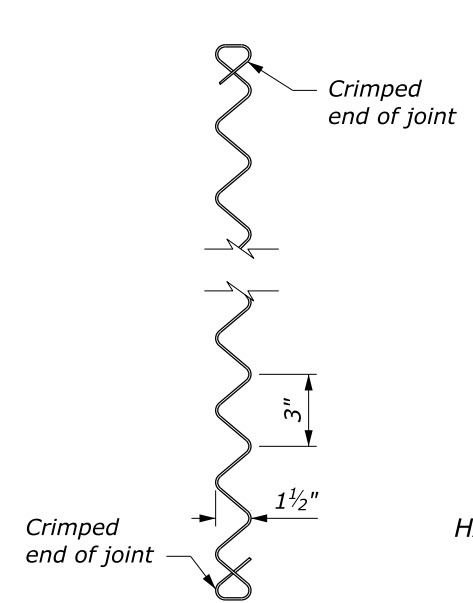
BEFORE CLOSURE AFTER CLOSURE
INTERLOCKING WIRE FASTENER



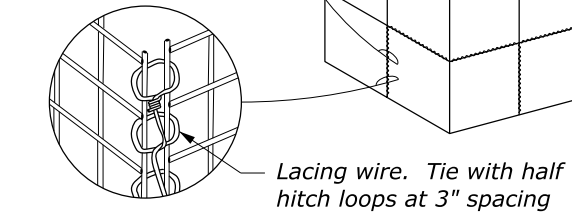
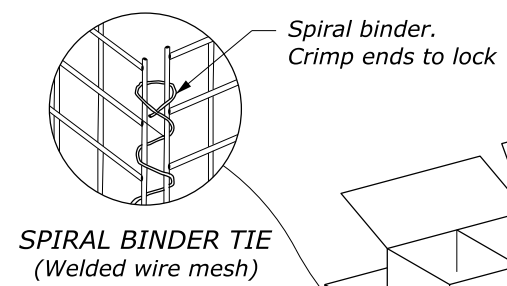
BEFORE CLOSURE AFTER CLOSURE
OVERLAPPING RING WIRE FASTENER
(Not allowed for basket to basket connection)

ALTERNATE TYING FASTENERS

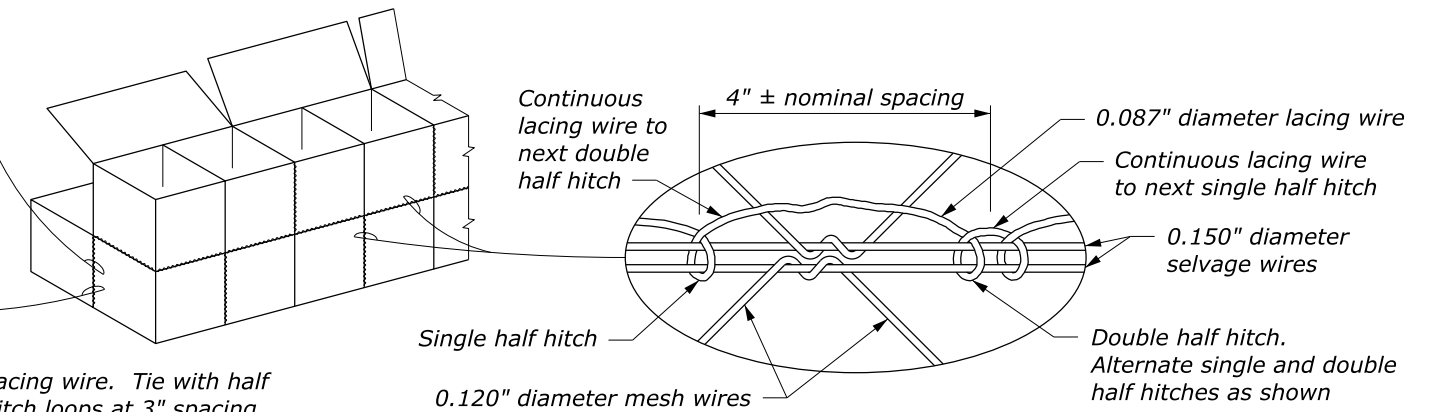
Note: All fastener dimensions are nominal.



0.150" DIAMETER SPIRAL BINDER

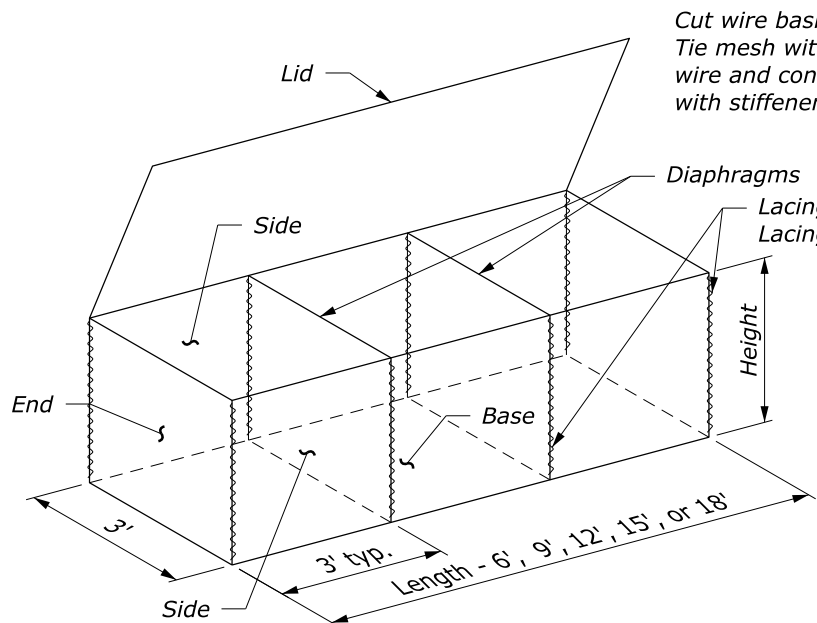


HALF HITCH LACING DETAIL (Welded wire mesh)

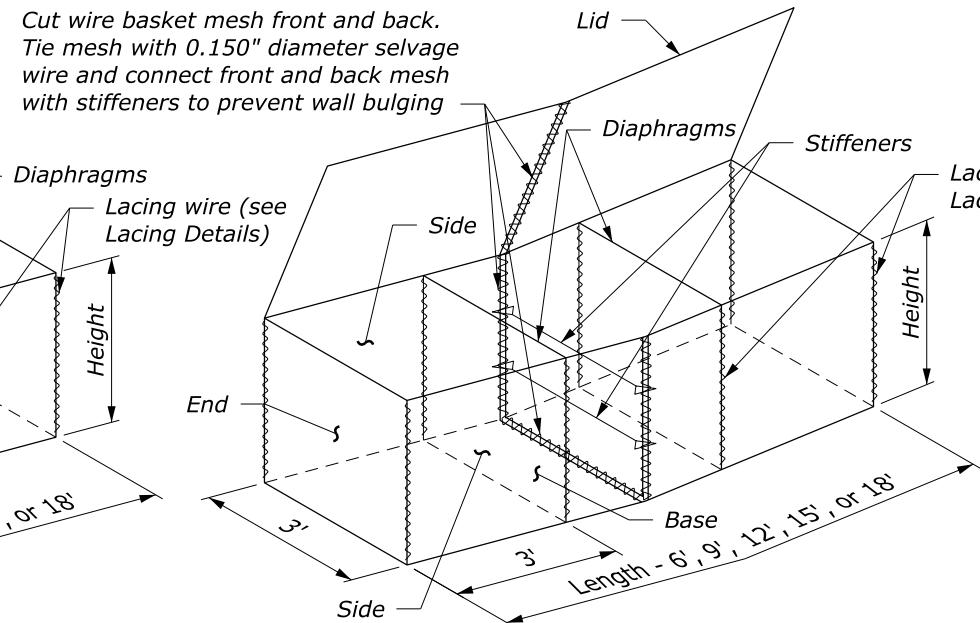


HALF HITCH LACING DETAIL (Twisted wire mesh)

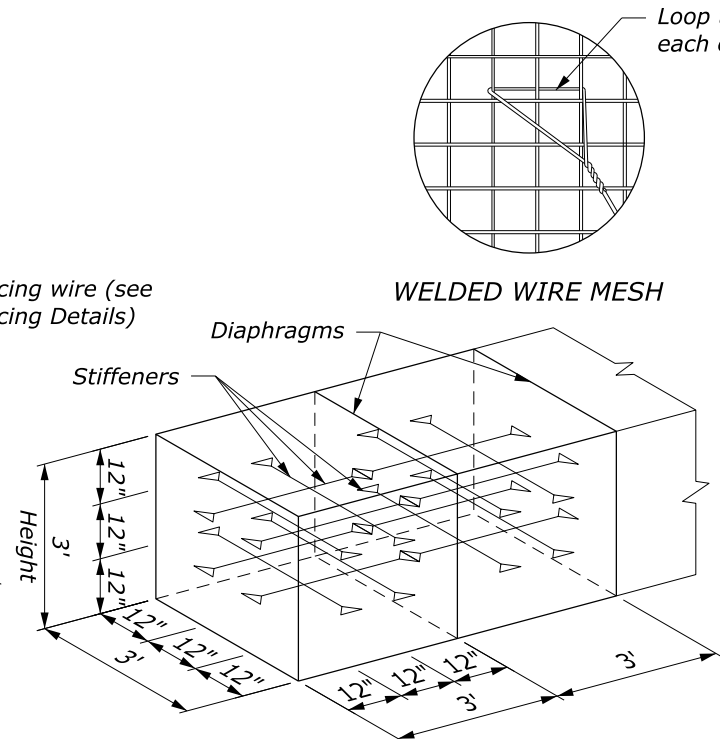
TYPICAL INSTALLATION GABION BASKETS



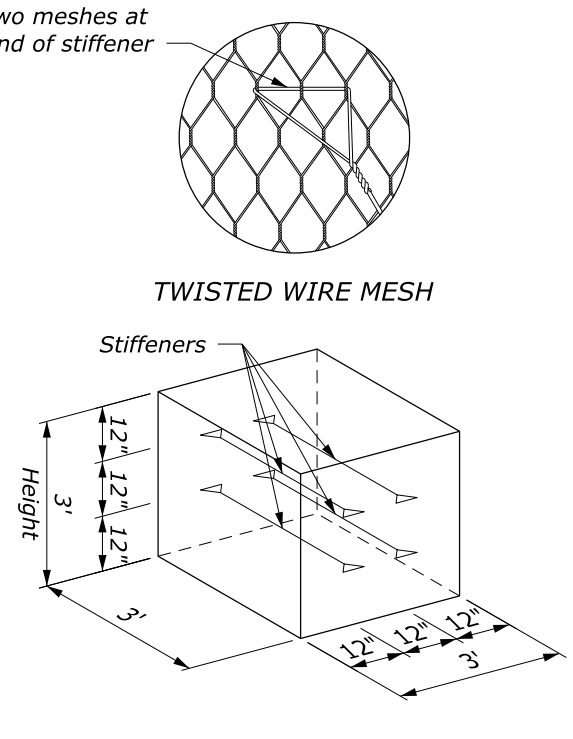
TYPICAL ASSEMBLED GABION BASKET



ASSEMBLED GABION BASKET IN WALL GRADE TRANSITION AREAS

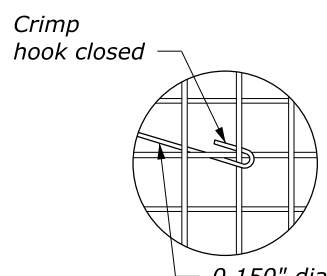


ALL END GABION CELLS

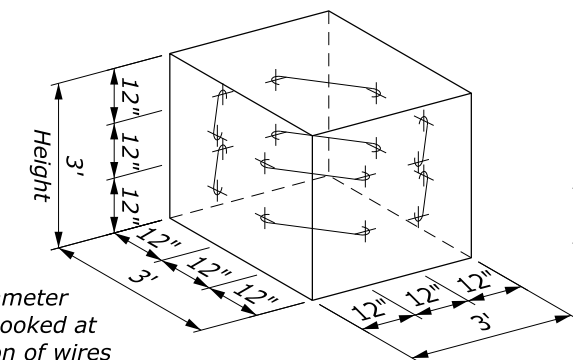


ALL INTERIOR GABION CELLS

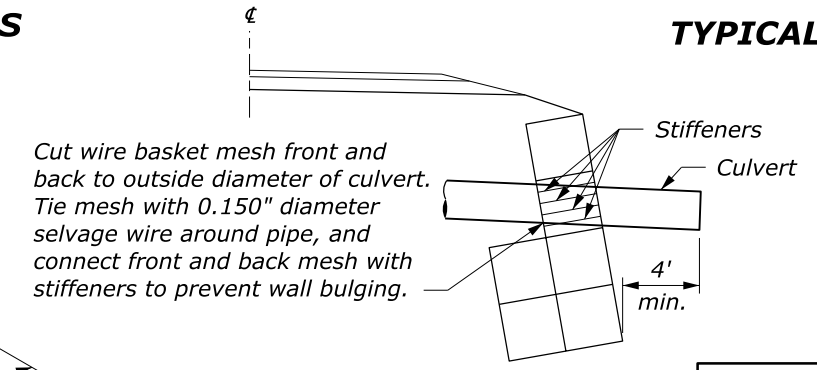
GABION BASKET NOMINAL SIZES AND CAPACITY				
Size Code Letter	Size in feet Length	Height	Diaphragm Partitions	Capacity (CUYD)
A	6	3.0	1	2.00
B	9	3.0	2	3.00
C	12	3.0	3	4.00
X	15	3.0	4	5.00
Y	18	3.0	5	6.00
D	6	1.5	1	1.00
E	9	1.5	2	1.50
F	12	1.5	3	2.00
G	6	1.0	1	0.67
H	9	1.0	2	1.00
I	12	1.0	3	1.33



0.150" diameter stiffener hooked at intersection of wires



OPTIONAL STIFFENERS WELDED WIRE GABION BASKET

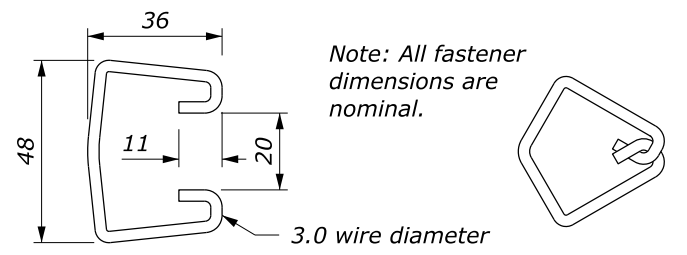


TYPICAL CULVERT INSTALLATION THROUGH GABION WALL

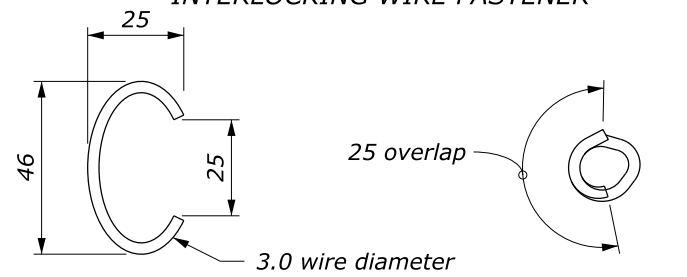
NO SCALE

TYPICAL STIFFENERS

U.S. DEPARTMENT OF TRANSPORTATION, FHWA OFFICE OF FEDERAL LANDS HIGHWAY	WFL STANDARD W253-1
GABION BASKET	SPECIFICATION FP-24, FP-14
	APPROVED FOR USE 9/2011



BEFORE CLOSURE AFTER CLOSURE
INTERLOCKING WIRE FASTENER

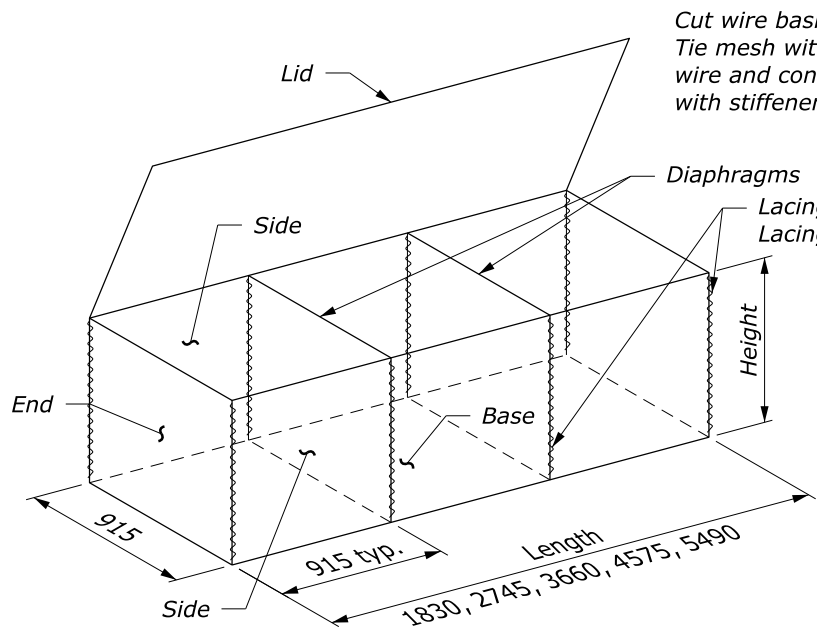


BEFORE CLOSURE AFTER CLOSURE
OVERLAPPING RING WIRE FASTENER
(Not allowed for basket to basket connection)

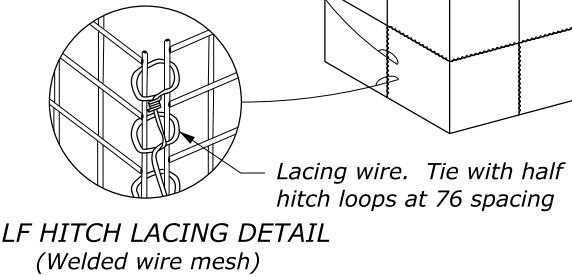
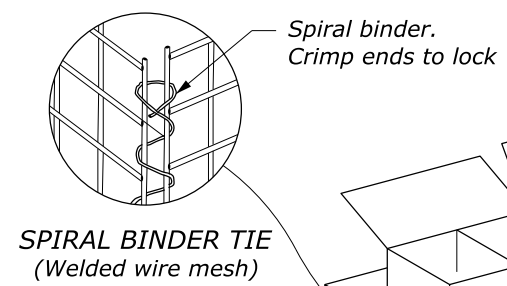
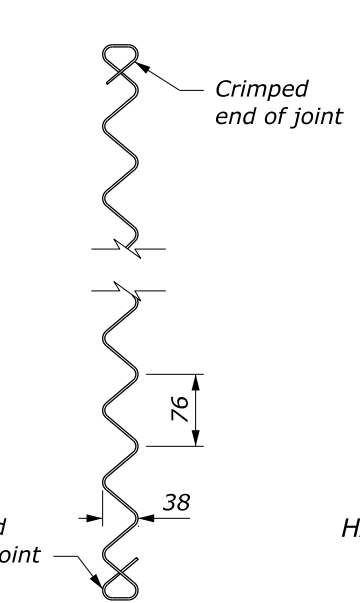
ALTERNATE TYING FASTENERS

3.8 mm DIAMETER SPIRAL BINDER

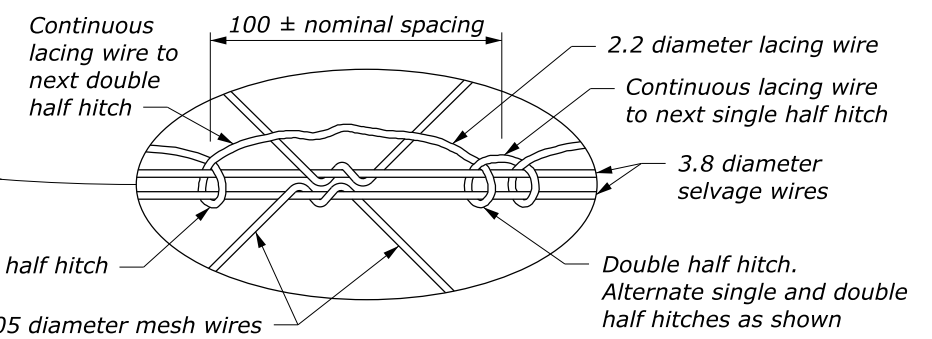
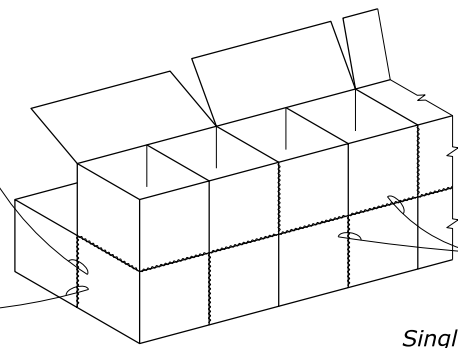
Cut wire basket mesh front and back. Tie mesh with 3.8 diameter selvage wire and connect front and back mesh with stiffeners to prevent wall bulging



TYPICAL ASSEMBLED GABION BASKET

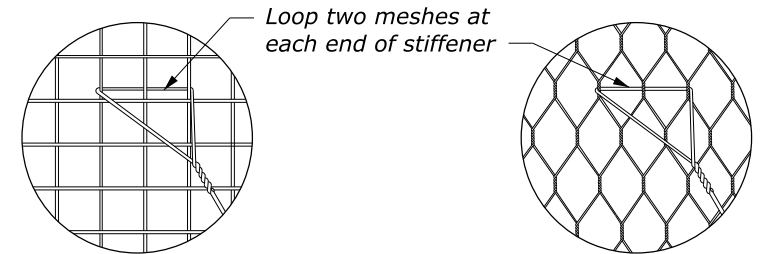


HALF HITCH LACING DETAIL (Welded wire mesh)



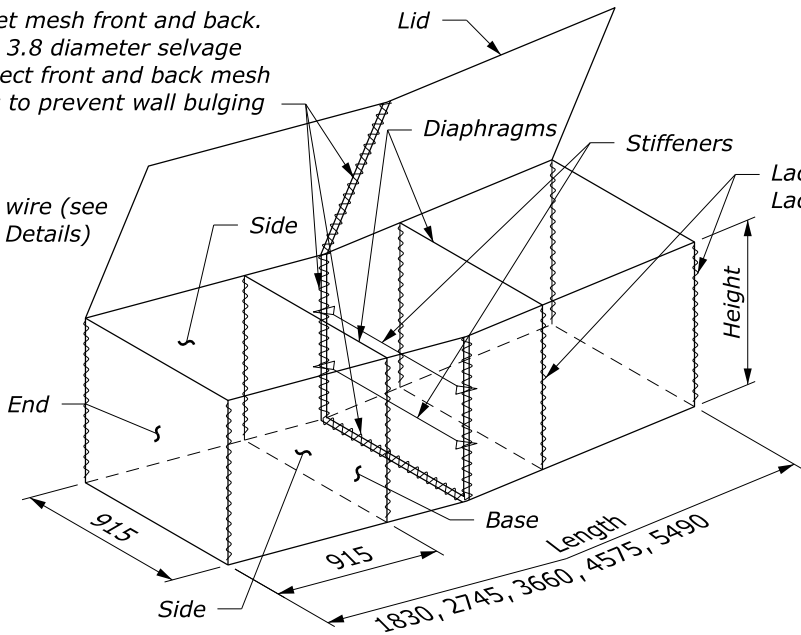
HALF HITCH LACING DETAIL (Twisted wire mesh)

TYPICAL INSTALLATION GABION BASKETS

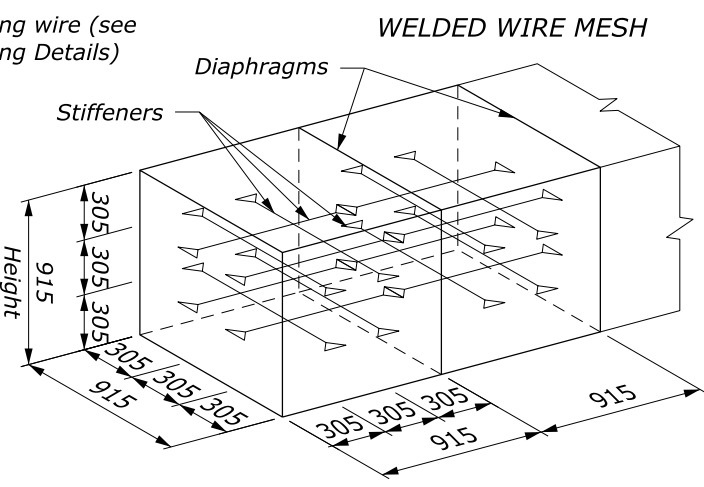


WELDED WIRE MESH

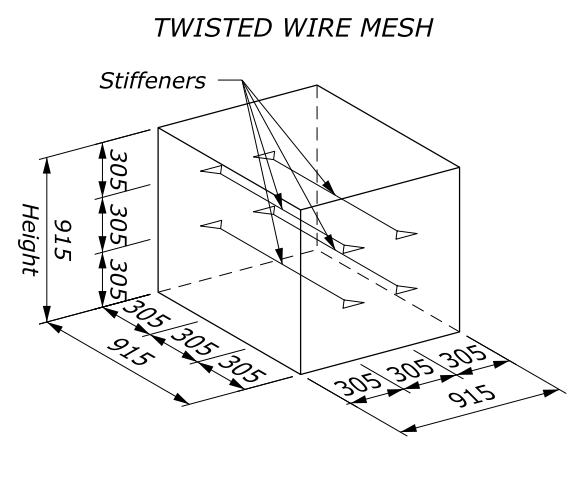
TWISTED WIRE MESH



ASSEMBLED GABION BASKET IN WALL GRADE TRANSITION AREAS



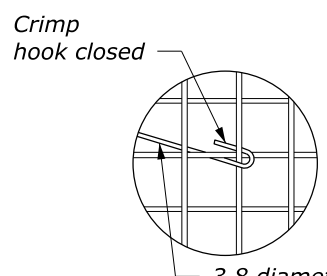
ALL END GABION CELLS



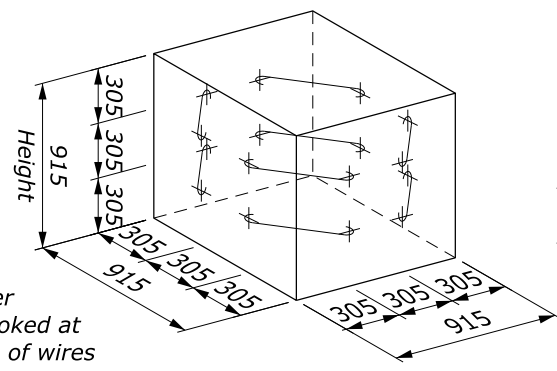
ALL INTERIOR GABION CELLS

TYPICAL STIFFENERS

GABION BASKET NOMINAL SIZES AND CAPACITY				
Size Code Letter	Size in meters Length	Size in meters Height	Diaphragm Partitions	Capacity (m ³)
A	1.83	0.915	1	1.5
B	2.75	0.915	2	2.3
C	3.66	0.915	3	3.1
X	4.58	0.915	4	3.8
Y	5.49	0.915	5	4.6
D	1.83	0.45	1	0.8
E	2.75	0.45	2	1.1
F	3.66	0.45	3	1.5
G	1.83	0.30	1	0.5
H	2.75	0.30	2	0.8
I	3.66	0.30	3	1.0



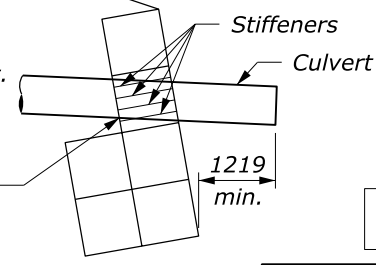
3.8 diameter stiffener hooked at intersection of wires



ALL GABION CELLS

OPTIONAL STIFFENERS WELDED WIRE GABION BASKET

Cut wire basket mesh front and back to outside diameter of culvert. Tie mesh with 3.8 diameter selvage wire around pipe, and connect front and back mesh with stiffeners to prevent wall bulging.



TYPICAL CULVERT INSTALLATION THROUGH GABION WALL

NO SCALE

This drawing contains **Metric** units of measure. Dimensions without units are millimeters.

U.S. DEPARTMENT OF TRANSPORTATION, FHWA OFFICE OF FEDERAL LANDS HIGHWAY	WFL STANDARD WM253-1
GABION BASKET	SPECIFICATION FP-24, FP-14
	APPROVED FOR USE 9/2011